

# Technical Data Sheet

## DYNAPOK AGUA

Code: 07132 Waterbased 2-Pack Floor Epoxy



### DESCRIPTION

A two-component water-based epoxy enamel. The product is based on epoxy resins with exceptional surface protection offering excellent chemical resistance and hardness. Product highly recommended for poor ventilated areas, avoiding high toxic atmosphere when applied.

CERTIFICATIONS: Fire Retardant Cert. Bfl-s1 and Slip Resistance Cert. Class 3

### USE

The coating forms a hard, protective finish that resists chemicals, abrasion and corrosion, and is conceived to protect concrete coatings in general industry and especially food industry in particular, as well as hospital applications. Works great on walls and wet areas thanks to its water base composition.

Excellent adhesion—can also be applied to damp surfaces, hence recommended for concrete surfaces where moisture is difficult to eliminate completely. Ideal for interior spaces with reduced access to ventilation, where conventional paints with organic solvents, would be toxic. Examples are interior parkings, garages, basements etc.

Dynapok Agua can also be used as a finish coat to protect metal surfaces exposed to water, grease, acids or alkalis. Product is also suitable as a primer or as intermediate coat to seal moisture and for asphalt products such as tar, bituminous products and slurries.

### FEATURES

- Excellent adhesion on mineral surfaces
- Excellent adhesion on "old coatings"
- Mechanical and chemical resistance
- High resistance to paint bleeding
- High resistance to formation of fungicide
- Its properties make it ideal for interior garages, parkings, machine rooms, basements, commercial flooring for industrial and retail spaces, etc.
- Highly recommended for interior hospital's walls, floors, showers, wet rooms, food industry, etc.
- Can be used on asphalt products such as tar, bituminous and slurries, as long as surface is not glossy to ensure proper adhesion.
- Suitable for places with poor ventilation
- Low VOC content

**Finish:** Satin

**Colour:** White, Red, Green, Grey and Junomatic System

**Viscosity:** Min. 18", S/FR1007

**Density** 1,3 ± 0,15 gr/cc S/FR1001 (depending on the color)

**Drying time:** Touch-dry: 6-8 hours

**Re-coat:** Min: 24 hours. Max : 3 days.

**Solvent/Diluent:** Water

**Performance:** 8 m2/ liter (68 dry micron)

**Solids in volume:** 55 ± 1 % Theoretical white

**Mixture A/B volume:** 4:1

**Mixture A/B weight:** 84,5:15,5

**Mixture Pot life:** max 60 min

**Voc content:** max 30g/l

**Flash-point:** Non-flammable

**Packaging:** 4L/15 L.

07132 WHITE/BASE P

07144 GREEN

07133 BASE TR

07143 RED

07145 GREY



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### SURFACE PREPARATION

**CONCRETE SURFACES.** Newly laid concrete must be completely set. (Minimum 1 month). The surface should be completely clean, dry and firm. The humidity of the pavement should not exceed 4%. It is essential that this is properly checked before applying the product. The surface must be textured enough to provide proper adhesion, absorbant and free of any grease, rubber, curing agents, lime and any other foreign material. Grease and rubber stains can be removed with solvents or detergents, and must be rinsed with water. Blasting or milling can be used for difficult stains.

Concrete surfaces are prepared through milling or blasting to eliminate whitewash and curing agents. This should be followed by removing dust by vacuuming which in the end should result in a textured surface free of any foreign materials which will improve adhesion, bonding and give an excellent final result. For any doubts regarding the preparation and application, please consult our Technical Department.

To ensure compatibility of the product with existing surface, it is strongly recommended to apply a test patch of approximately 1m<sup>2</sup> section to test the bonding before proceeding with the rest of the surface to be painted.

**METAL SURFACES.** Must be free of grease, rust and calamine. Prime with Dynapok Primer (Cod 22.722). After 24 hours apply Dynapok Agua Suelos.

**ASPAHLT SURFACES.** The surface must be clean. It is recommended to wait 15 days after application before painting.

### GENERAL RECOMMENDATIONS

Stir the content well until evenly mixed. Mechanical means are recommended.

Apply on clean, dry, consolidated surfaces free of efflorescent and mold.

It is not advisable to apply the product on humid or excessively hot surfaces.

Dilute the product as per need, depending on the level of porosity and state of the surface to be painted.

**MIXTURE PREPARATION.** Stir content of component A in its container, and once evenly mixed add component B slowly to it, while stirring during 2 minutes ensuring that perfect homogenization is achieved. If a change of tub/container is required, ensure that after pouring the paint into a new holder, it's properly stirred and mixed. Before proceeding to apply, ensure that any existing air bubbles are gone by waiting a few minutes. Products' pot life is 60 minutes. Do not use after this time has passed.

**ENVIRONMENTAL CONDITIONS.** During the application and curing process the temperature must be above 15° C. The relative humidity cannot exceed 75%. Ascending moisture must be avoided. The surface temperature must be at least 3 °c above dew point. Avoid condensation. Do not apply when risk of imminent rain or heavy wind is present.

**APPLICATION METHOD.** Paint roller, brush or spray gun.

When using spray equipment, dilute the product with potable water. For applications on humid surfaces, application by brush is recommended. Apply 2 coats: First coat is diluted with 15% water, and the second coat with 10%.

For maximum chemical resistance, a third layer is recommended.

Time between coats shall not be less than 24 hours nor exceed 72 hours.

**CLEANING** when the job is finished, tools can be washed with water. However, the use of a water compatible solvent is recommended to remove catalyzed paint.

Subject to substrate strength - this product can withstand low pressure powerwashing for cleaning purposes, however low pressure rinse is sufficient. Epoxy floors typically don't need pressure washing, and they're typically not recommended for them. It's best to clean them with a water hose and degreasing agent or a suitable cleaning agent.

### NOTES

Dynapok Agua Suelos must be protected from humidity, condensation and water for at least the first 24 hours after application. Do not allow water to accumulate on the surface.

In closed areas allow for sufficient levels of ventilation during the drying time, so as to avoid high concentrations of relative humidity which will prevent the correct film formation.

The repainting must be done within 72 hours following the previous coat. Passing the 72 hour limit, a light sanding is necessary to achieve proper bonding for successive coats.

The floor should not be used by vehicles for 1 week allowing proper curing and full hardness to be achieved.

The use of sweeper machines to clean the floor can affect the shine and color of the product.

### SAFETY AND ENVIRONMENT

Minimize product waste estimating the amount needed, taking into account m<sup>2</sup>, porosity and texture of the substrate.

Store the remaining material in a ventilated and dry space. The package must be clean and be the right size for the amount of surplus product.

Close containers carefully and kept upright to prevent leakage.

Preserve packages from frost, high temperatures and direct sunlight. Reuse the unused product to give it a new use and reduce environmental effects.

Do not eat, drink or smoke during preparation and product application.

For more information check the product's Material Safety Data Sheet (MSDS).

In case of contact with eyes, rinse with clean water. Keep out of the reach of children.

Do not discharge into drains or the environment. Dispose to an authorized waste collection point. Contact your local council about the correct recycling of both the packaging as waste and leftover paint according to law and principles of environmental respect

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